

**Master 3.19****Step-by-Step 4****Lesson 3.4, Question 17**

**Step 1** Elsa baked  $2\frac{1}{2}$  dozen cookies. Layton baked  $2\frac{1}{6}$  times as many.

Estimate  $2\frac{1}{6} \times 2\frac{1}{2}$ , the number of dozen cookies Layton baked.

$2\frac{1}{6}$  is close to \_\_\_\_\_ and  $2\frac{1}{2}$  close to \_\_\_\_\_.

The product will be close to \_\_\_\_\_  $\times$  \_\_\_\_\_, or \_\_\_\_\_.

**Step 2** Elsa baked  $2\frac{1}{2}$  dozen cookies.. Meghan and Josh baked  $5\frac{1}{3}$  times as many.

Estimate  $5\frac{1}{3} \times 2\frac{1}{2}$ , the number of dozen cookies Meghan and Josh baked.

**Step 3** Calculate the number of dozen cookies Layton baked.

$$2\frac{1}{6} \times 2\frac{1}{2} =$$

**Step 4** Calculate the number of dozen cookies Meghan and Josh baked.

$$5\frac{1}{3} \times 2\frac{1}{2} =$$

**Step 5** Add the number of dozen cookies made by the four students to find the total number of dozen cookies made for the bake sale.

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**Step 6** One dozen cookies is 12 cookies.

Use this information to find the total number of cookies baked by all 4 students.

$$\text{_____} \times 12 = \text{_____}$$